



Product/Process Change Notice - PCN 21_0171 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887

This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

PCN Title: ADE78xxA Firmware/Test Program Change

Publication Date: 27-Sep-2021

Effectivity Date: 30-Dec-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

Firmware/Test:

1. Read Value of Version Register 0xE707 changing from 0x02 to 0x14.

Data Sheet:

1. Added Table 25. Neutral Current Mismatch Triggers Randomly [er002, Version = 2 Silicon].

2. Updated Section 1. Functionality Issues to add er002.

Reason For Change:

Remove risk of Neutral Current Mismatch triggering randomly.

Impact of the change (positive or negative) on fit, form, function & reliability:

No change to fit, form and reliability; improved function.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

Refer to new Product Data Sheet Rev D for changes.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_21_0171_Rev_-_QualificationResults Summary ADE78xxA.pdf

Attachment 2: Type: Revised Datasheet Specification

ADI_PCN_21_0171_Rev_-_ADE7854A_ADE7858A_ADE7868A_ADE7878A_RevD.pdf

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas:

PCN_Americas@analog.com

Europe:

PCN_Europe@analog.com

Japan:

PCN_Japan@analog.com

Rest of Asia:

PCN_ROA@analog.com

Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (8)

ADE7854A / ADE7854ACPZ	ADE7854A / ADE7854ACPZ-RL	ADE7858A / ADE7858ACPZ	ADE7858A / ADE7858ACPZ-RL	ADE7868A / ADE7868ACPZ
ADE7868A / ADE7868ACPZ-RL	ADE7878A / ADE7878ACPZ	ADE7878A / ADE7878ACPZ-RL		

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	27-Sep-2021	30-Dec-2021	Initial Release.

Analog Devices, Inc.

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